

ELEVATOR SAFETY BOARD
BUREAU OF CONSTRUCTION CODES
Conference Room 3
2501 Woodlake Circle
Okemos, Michigan

A G E N D A

Friday, June 6, 2008 - 9:30 A.M.

1. Call to Order and Determination of Quorum

Approval of Minutes – March 28, 2008 (Pages 2-6)
2. Waiver Requests
 - a. David Sullivan, R 408.7021 Revoked Class A Contractor license (Pages 7-11)
 - b. McNally Elevator Co., Veneklase Residence, Grand Rapids, MI (Pages 12-20)
 - c. McNally Elevator Co., Kent Intermediate School District, Grand Rapids, MI
(Pages 21-27)
 - d. McNally Elevator Co., Postma Residence, Sister Lakes, MI (Pages 28-35)
 - e. Schindler Elevator Corp., Spectrum Health –Butterworth Hospital, Grand Rapids, MI
(Pages 36-38)
3. Department Report:
 - a. Chief's Report
 - b. MRL Report
 - c. Accident Report
4. Legislative Update
5. Old Business:
6. New Business
7. Public Comment
8. Adjournment

The meeting site and parking is accessible. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional services (such as materials in alternative format) in order to participate in the meeting should call Laurie Bass at (517) 241-9337 at least 10 work days before the event. DLEG is an equal opportunity employer/program.



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH
LANSING

KEITH W. COOLEY
DIRECTOR

ELEVATOR SAFETY BOARD
DEPARTMENT OF LABOR & ECONOMIC GROWTH
BUREAU OF CONSTRUCTION CODES
Conference Room 3
2501 Woodlake Circle
Okemos, Michigan 48864

MINUTES

Friday, March 28, 2008
9:30 A.M.

MEMBERS PRESENT

Mr. Joseph McNally, Chair
Mr. David Flint
Mr. Richard A. Egerer
Mr. Pat Carroll
Mr. William Kogelschatz
Mr. Steven C. Lindsay

MEMBERS ABSENT

Ms. Erin McLogan
Mr. Antwane Maddox
Mr. George Svinicki

MICHIGAN DEPARTMENT OF LABOR AND ECONOMIC GROWTH PERSONNEL
ATTENDING

Mr. Calvin Rogler, Chief, Elevator Safety Division
Mr. C. Douglas Dart, Assistant Chief, Elevator Safety Division
Mr. Ralph Arceo, General Inspector Elevator, Safety Division
Mr. Pat Fagan, General Inspector, Elevator Safety Division
Ms. Laurie Bass, Office Supervisor, Elevator Safety Division
Mr. Mark Sisco, Deputy Director, Bureau of Construction Codes

OTHERS IN ATTENDANCE

Mr. Keith Mann, COC Examination
Mr. Craig LaLonde, Contractor Examination
Mr. Jeremia Filippis, Wright & Filippis
Mr. Vittoria Palomba, Wright & Filippis
Mr. Ken Litteral, Otis Elevator
Mr. Jason Pomaville, Sacred Heart Rehab

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P.O. BOX 30254 • LANSING, MICHIGAN 48909
Telephone (517) 241-9337 • Fax (517) 241-6301
www.michigan.gov

1. **CALL TO ORDER AND DETERMINATION OF QUORUM**

The meeting was called to order at approximately 9:30 a.m. by Chairperson McNally. A quorum was determined present at that time.

2. **APPROVAL OF MINUTES**

A **MOTION** was made by Richard Egerer and supported by Pat Carroll to approve the minutes of the January 8, 2008 board meeting. **MOTION CARRIED**

3. **REVIEW OF ELEVATOR CONTRACTOR APPLICATIONS**

Craig LaLonde, – Class A

A **MOTION** was made by William Kogelschatz and supported by Richard Egerer to deny Craig LaLonde to take the Class A contractor examination. **MOTION CARRIED.**

4. **REVIEW OF ELEVATOR CERTIFICATE OF COMPETENCY APPLICATIONS**

Keith A. Mann, Re-examination

A **MOTION** was made by William Kogelschatz and supported by Richard Egerer to approve Keith A. Mann to take the General Certificate of Competency examination. **MOTION CARRIED.**

5. **EXAMINATIONS**

A **MOTION** was made by David Flint and supported by William Kogelschatz to grant the appropriate license/certificate to examinees if the applicants successfully pass their respective exams. **MOTION CARRIED.**

Keith Mann, - COC Fail

6. WAIVER REQUESTS

- a. **Variance request regarding overhead clearance at The Sacred Heart Rehabilitation Center, 400 Stoddard Rd, Memphis, Michigan, permit # 60443.**

Request has been made by Wright & Filippis for a variance to section 3.1.2.1, 3.1.2.2, 3.1.2.3 & 3.1.1 of the ASME A18.1-2003, Safety Standards for Platform Lifts and Stairway Chairlifts.

After discussion, a **MOTION** was made by David Flint and supported by William Kogelschatz to approve this variance request with the following requirements:

The division will have final approval pending final inspection.
Remove all controls except the emergency stop from the platform.
Lift must be Attendant operated only with appropriate signs denoting such.
Riders must be seated with the wheelchair facing in the down direction for both up & down travel, with appropriate signs denoting such.
Overhead clearance will be no less than 55 inches at any point.
When not in use the unit will be stored at the lower level only.
Lighting must meet current code requirements.
Current and new employees must have documented training on the proper use of the device.

A **MOTION** was made by David Flint and supported by William Kogelschatz to amend the motion to include:

The device shall be disabled to prevent it from being operational in the folded position.

MOTION CARRIED.

Voting on the original motion. **MOTION CARRIED**

7. DEPARTMENT REPORT

- o Chief's Report - Mr. Rogler passed out and discussed the Chief's Report.
- o Accident Report - Accident reports received and input from January 01, 2008 through February 29, 2008 were passed out and discussed.
- o Mr. Rogler reported on Machine Room Less installations approved on the board's behalf from 01-12-08 thru 03-28-08.

8. **LEGISLATIVE UPDATE**

Mr. Sisco updated the board on the following issues:

Residential Builders License – a requirement is now in place for 60 hours of education for approval to sit for the Residential Builders Examination, as well as ongoing education requirements after licensure.

They are also trying to strengthen sanctions against unlicensed builders.

Mechanical Board Working to rewrite the mechanical licensing law to include:

Journeyman licensing

Required ongoing education and training requirements for renewal

They are also trying to strengthen sanctions against unlicensed activity

Plumbing Board has upheld it's disapproval of the "Chinese Pipe" for use in Michigan.

9. **CLOSED SESSION**

A **MOTION** was made by David Flint and supported by Richard Egerer for the board to go into a closed session to discuss legal issues. Each board member was polled
MOTION CARRIED.

The board reconvened the open session at approximately 11:05am.

10. **OLD BUSINESS**

a. **U of M, Generator testing**

No report

b. **Cal Rogler, Continuing education information**

Mr. Rogler informed the board he had viewed an online code update program. Also, that for continuing education to become a requirement it would need to go through several steps starting with the Office of Administrative Services. Mr. Rogler indicated after the new code edition is adopted he would have more time to spend on this issue.

11. **NEW BUSINESS**

None

12. **PUBLIC COMMENT**

None

13. **ADJOURNMENT**

A **MOTION** was made by David Flint, and supported Richard Egerer to adjourn.
MOTION CARRIED

Chairperson McNally adjourned the meeting at approximately 11:20am.

Approved: Joseph McNally, Chairperson

Date: _____



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH
LANSING

KEITH W. COOLEY
DIRECTOR

May 21, 2008

To: Elevator Safety Board

From: C. W. Rogler

Subject: Waiver to R 408.7021 of the Michigan Elevator Rules regarding revocation of a Contractor's license if not renewed within 60 days of expiration date.

Request has been made by David Sullivan for a waiver to R 408.7021 of the Michigan Elevator Rules.

Division Recommendation

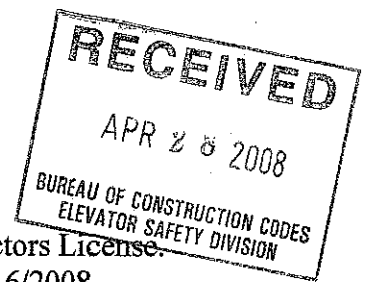
The Elevator Safety Division would like to provide the following information for the board's consideration. The Elevator Safety Board at their regularly scheduled meeting of November 13, 1991, passed a motion which states that they will "waive the elevator journeyperson's examination and reinstate licenses upon payment of the examination fee and all unpaid license fees without making the journeyperson appear before the board, if their license has not been expired for more than 1 year. The motion as stated above pertains only to licensed elevator journeyperson, the Elevator Safety Division feels licensed Elevator Contractors should be held to a higher standard.

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Elevator Safety Board,



I'd like to request a hearing on the revocation of my Elevator Contractors License.
Enclosed is a copy of the check I wrote for the license which is dated 1/16/2008.
Apparently the postal service didn't deliver my renewal application in a timely manor
and I failed to realize it I would appreciate your understanding in this matter.

Thank You

A handwritten signature in black ink, appearing to read "David Sullivan", written over the printed name.

David Sullivan

DAVID SULLIVAN 74-8525-2724 3314

17132 ELEIR DR
CLINTON TWP MI 48038

Date 1-16-08

Pay to the order of STATE OF Michigan \$ 15.00

seventy five 10/100

**Downriver Catholic
FEDERAL CREDIT UNION**
*AYLER MICHIGAN 48180-3395

[Signature]

102792 X 69 0000000000000000 04/10/08. 16

FOR DEPOSIT ONLY STATE MI

Pay State Treasurer MOLEY: J.
Trans Info: 13987837-1 04/08/2008
Elevator Contractor License...
Total \$75.00

074557824 C31 3191 09

32227756

33861219
0002/4

Close Print

Michigan Department of Labor & Economic Growth
Bureau of Construction Codes
Elevator Safety Board
P.O. Box 30255, Lansing, MI 48909
Authority: 1967 PA 227

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ELEVATOR CONTRACTOR LICENSE RENEWAL APPLICATION

Your elevator contractor's license will expire on 12/31/2007. If your license is not renewed by this date it will be considered void and if not renewed within 60 days shall be revoked. Please complete sections 1 and 2 as applicable. Enclose a check or money order payable to the State of Michigan. Mail completed application and fee to the address listed above.

SUPERIOR ELEVATOR CO
DAVID J SULLIVAN
22461 REVERE
ST CLAIR SHORES MI 48080

License No: 2600

Renewal Fee: \$75.00

1. Change of Company Name, Address, or Phone Number

If your company name, address, or phone number has changed, or if you are no longer the licensed elevator contractor for the company listed above, please enter the new information below.

Company Name: DAVID SULLIVAN

Address: 22461 REVERE City: ST. CLAIR SHORES

State: ST MI Zip: 48080

Phone Number: _____

Do you wish to have your company name and address published in a list of elevator contractors for distribution to the general public?

☒ Yes ☐ No

2. Applicant Signature

I certify the above information is complete and accurate.

Signature: [Signature]

Date: 1-16-08

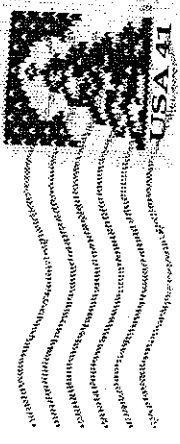
Questions regarding your renewal may be directed to the Elevator Safety Division at (517) 241-9337.

FOR OFFICE USE ONLY

Trans Info: 181 13857387-1 04/04/08
Chk#: 3314 Amt: \$75.00
ID: DAVID SULLIVAN

The Department of Labor & Economic Growth will not discriminate against any individual or group because of race, sex, religion, age, national origin, color, marital status, disability or political beliefs. If you need help with reading, writing, hearing, etc., under the Americans with Disabilities Act, you may make your needs known to this agency.

Copy of Envelope Sent with Renewal Application.

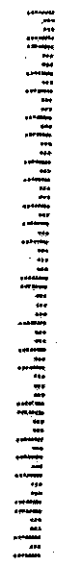


ROYAL OAK MI 480

03 APR 2008 PM 1 T

Michigan Dept. Labor
Bureau of Construction Codes
Elevator Safety Board
P.O. Box 30255
Lansing, MI 48909

4830847755





JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH
LANSING

KEITH W. COOLEY
DIRECTOR

May 21, 2008

To: Elevator Safety Board

From: C. W. Rogler

Subject: Request for a variance to ASME A17.1-2004

Request has been made by McNally Elevator Co. for a variance to ASME A17.1-2004, section 5.3.1.10.3, regarding increasing the maximum rise allowed for a Private Residence Elevator at the Veneklas Residence located at 600 Broadway, Grand Rapids, Michigan. The current standard has a maximum rise of 50'; the rise being proposed for this installation is approximately 54.5 feet.

Division Recommendation

The elevator being proposed can be accessed from the private residence (Unit 418), but also from the main lobby and a stairway on the fifth floor, both of which appear to be accessible to other occupants of the building. As the use of this Private Residence Elevator is in question the Elevator Safety Division recommends this variance be denied.

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May 5, 2008

Mr. Calvin W. Rogler, Chief
Elevator Safety Division
Michigan Department of Consumers & Industry Services
Bureau of Construction Codes
Elevator Safety Division
P.O. Box 30254
Lansing, Michigan 48909-7754

Re: Residential Elevator Travel Variance for Bradley Veneklas

Dear Mr. Rogler,

This letter is our request to be placed on the upcoming Elevator Safety Board meeting on June 6th, 2008 to ask for a variance to Rule 5.3.1.10.3 of ASME A17.1-2004.

We are proposing to remove an existing residential elevator in the Veneklas's Residence at 600 Broadway in Grand Rapids, Michigan and replace it with a unit that will travel to an additional level than his present elevator services.

To serve all floors of the Veneklas condominium requires a waiver from is AMSE A17.1 2004 Safety Code Section 5.3.1.10.3 Rise, which states; "The rise shall not exceed 15m (50 ft)." Mr. Veneklas desires to access the upper level of his condominium and make it accessible for him and his family.

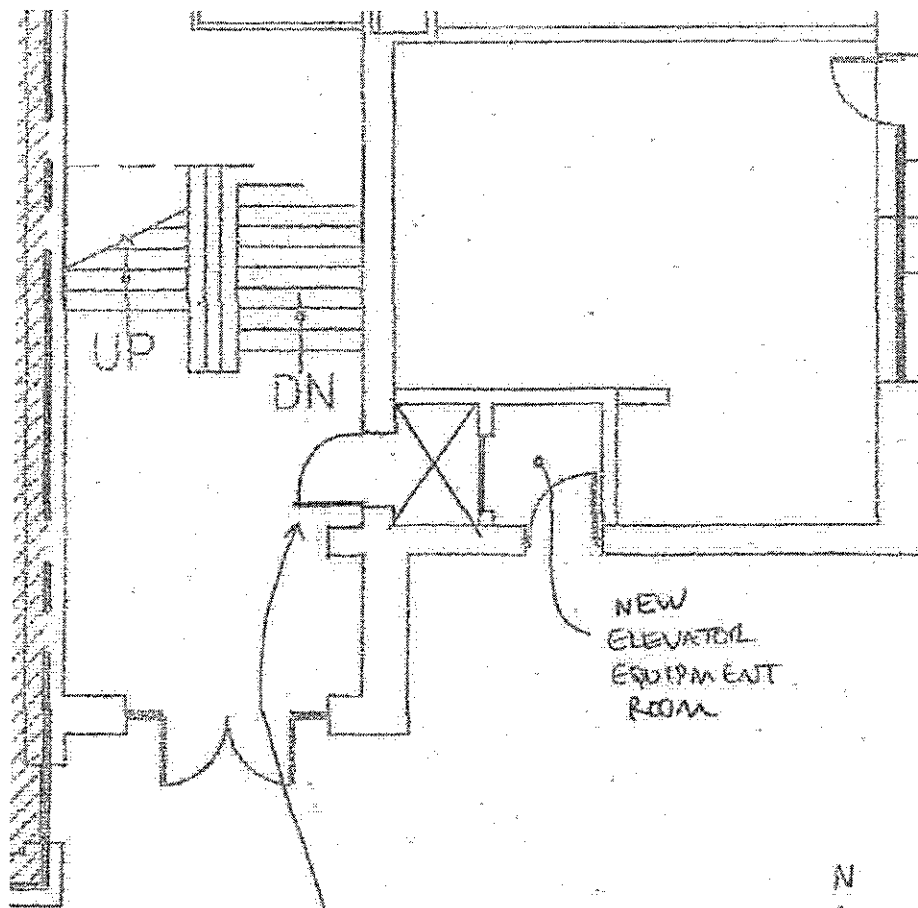
Attached are copies of both the building plans of where the elevator would be installed and the proposed elevator layout for your perusal. This installation will have a platform with two front and one rear opening, as detailed on the attached drawings and will meet all of Michigan's Rules and Regulations.

Thank you in advance for your review of our request.

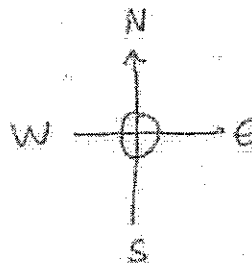
Sincerely,

A handwritten signature in cursive script that reads "Thomas E. McNally".

Thomas E. McNally V-P
McNally Elevator Company



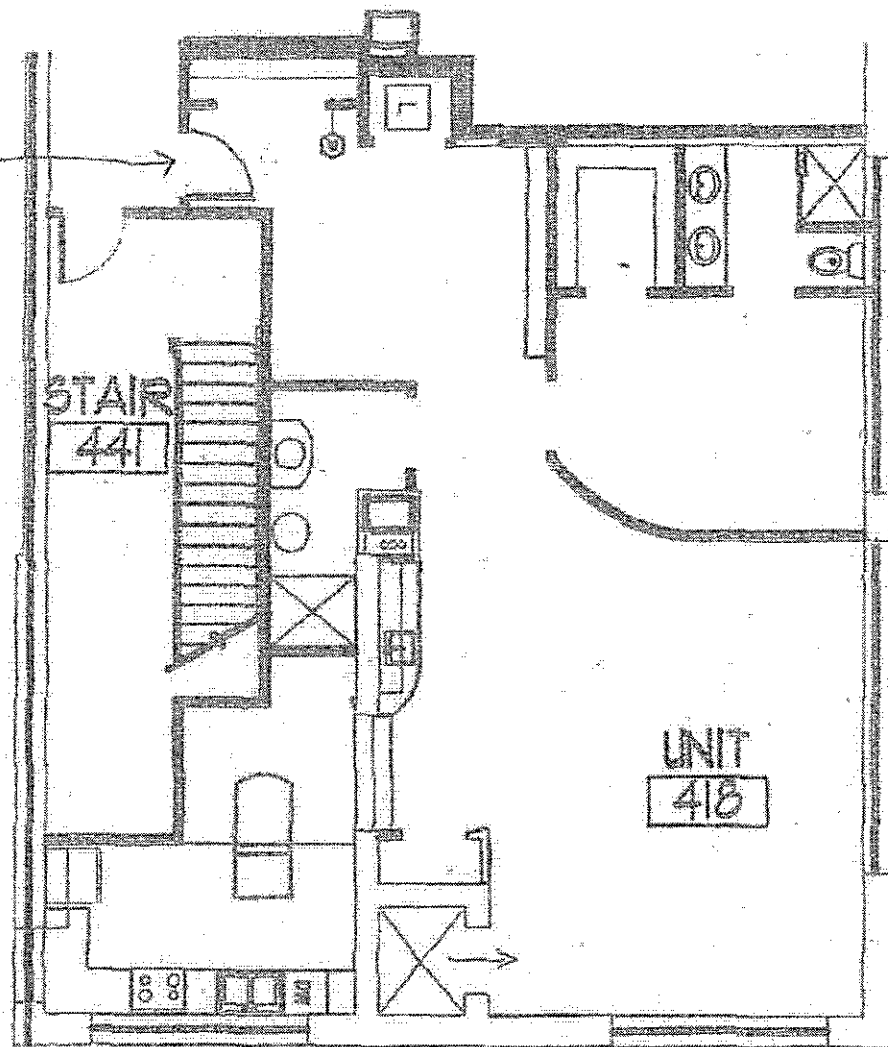
LOCKED DOOR IN
STAIRWELL TO GET TO
UNIT 418.



1ST FLOOR

VENEKASE RESIDENCE
LOWEST LEVEL
EXISTING

LOOKS ENTIRELY
DIFF. TO
UNIT 418

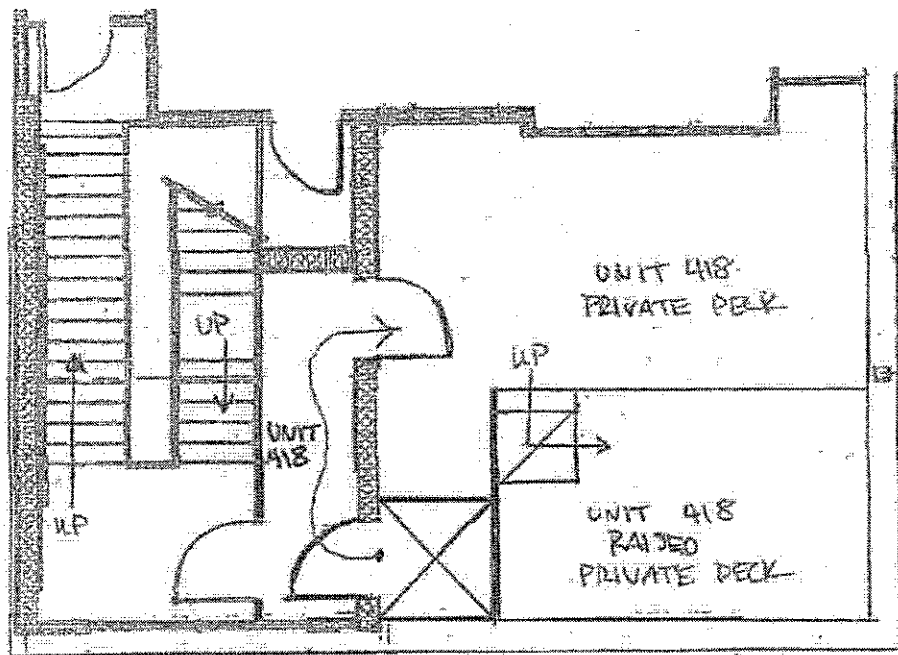


PRIVATE DOOR TO
EXISTING ELEVATOR ENTRANCE
TO UNIT 418 LIVING ROOM.

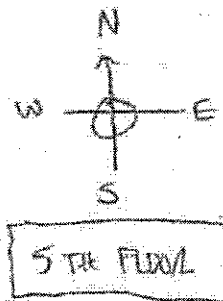


4TH FLOOR

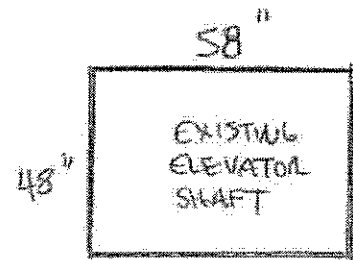
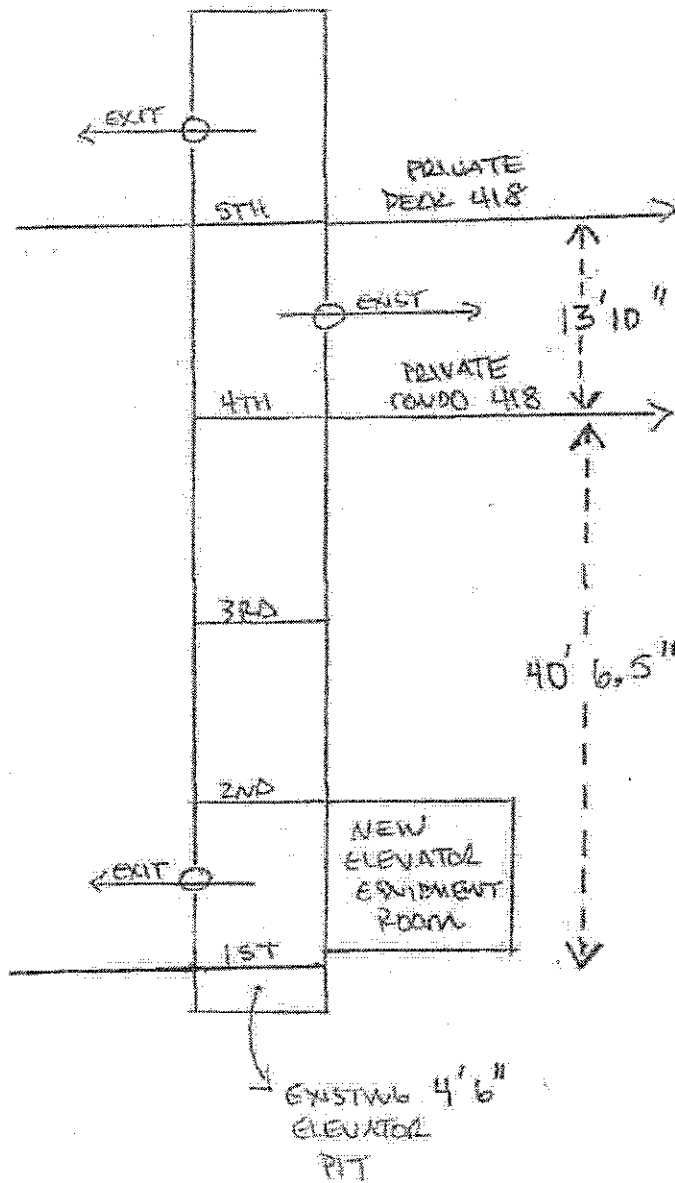
VENEKASE RESIDENCE
INTERMEDIATE LEVEL
EXISTING



LOCKED DOOR TO UNIT
418 PRIVATE LOBBY

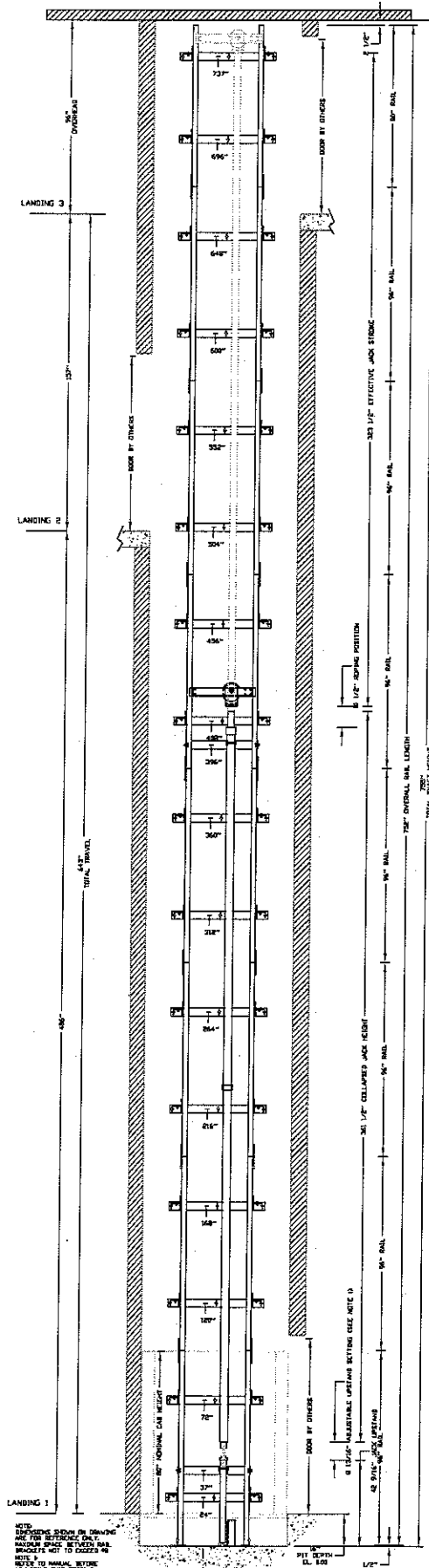


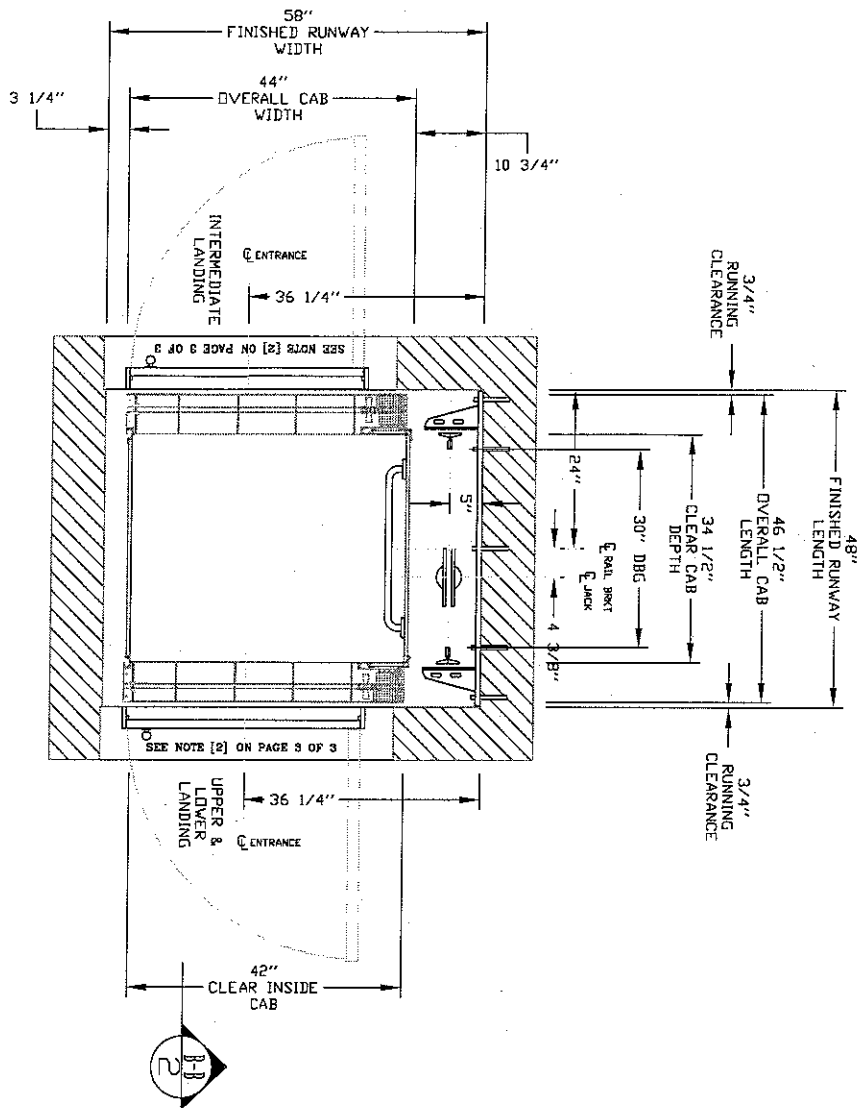
VENEKLASE RESIDENCE
PROPOSED UPPER LEVEL



ELEVATION SKETCH
NOT TO SCALE

VENEKLAŠE RESIDENCE
ELEVATIONAL VIEW

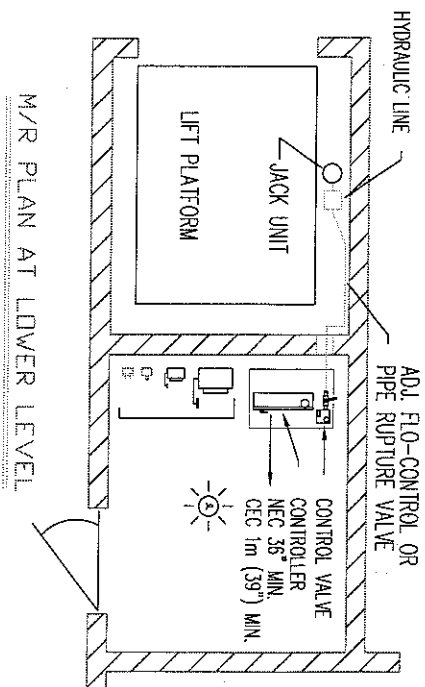




PLAN VIEW

PROJECT: **MCNALLY ELEVATOR COMPANY**
 ADDRESS: **GRAND RAPIDS, MI / USA**

OFFICE USE ONLY	
CONTRACT NO.	214
MODEL / SERIAL NO.	V-329
DATE	05/09/08
DESIGNED BY	CM/dd/vv
CHECKED BY	GRISH I
SAFETY	SAFETY



M/R PLAN AT LOWER LEVEL

PROVISIONS BY OTHERS

GENERAL

HOISTWAY - THE HOISTWAY MUST BE IN ACCORDANCE WITH NATIONAL US/ASME (SEE APPLIED CODE), ALL STATE AND LOCAL CODES.

BLIND HOISTWAY - DUE TO CLOSE RUNNING CLEARANCES OWNERS/AGENT MUST ENSURE THAT HOISTWAY AND PIT (WHERE PROVIDED) ARE LEVEL, PLUMB AND SQUARE AND ARE IN ACCORDANCE WITH THE DIMENSIONS ON THESE DRAWINGS.

MINIMUM OVERHEAD CLEARANCE - OWNERS/AGENT MUST ENSURE MINIMUM OVERHEAD CLEARANCE IS IN COMPLIANCE WITH CODES.

CONSTRUCTION SITE - OWNERS/AGENT TO PROVIDE ALL MASONRY, CONCRETE AND STEEL WORK AS REQUIRED AND SHALL PATCH AND MAKE GOOD (INCLUDING FINISH PAINTING) ALL AREAS WHERE WALLS/FLOORS MAY REQUIRE TO BE CUT, DRILLED OR ALTERED IN ANY WAY TO PERMIT THE PROPER INSTALLATION OF THE LIFT.

DIMENSIONS - CONTRACTOR/CUSTOMER TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO OUR OFFICE IMMEDIATELY.

STRUCTURAL

CLIMB/SUPPORT WALL LOADS - STRUCTURAL ENGINEER TO ASSURE THAT BUILDING AND SHAFT WILL SAFELY SUPPORT ALL LOADS IMPOSED BY THE LIFT EQUIPMENT. REFER TO THE TABLES ON THIS DRAWING FOR LOADS IMPOSED BY THE EQUIPMENT.

WHERE DOORS ARE REQUIRED - SUITABLE LINTELS MUST BE PROVIDED BY OWNERS/AGENT. DOOR FRAMES ARE NOT DESIGNED TO SUPPORT OVERHEAD WALL LOADS.

NOTE [2]: PER ASME A17-1-2000 RULE 5.3.1.7.2
THE CLEARANCE BETWEEN THE HOISTWAY DOORS OR GATES AND THE HOISTWAY EDGE OF THE LANDING SILL SHALL NOT EXCEED 3 IN. (76 mm). THE DISTANCE BETWEEN THE HOISTWAY FACE OF THE LANDING DOOR OR GATE AND THE CAR DOOR OR GATE SHALL NOT EXCEED 6 IN. (125 mm).

MACHINE ROOM

LOCATION / ACCESS - MACHINE ROOM LOCATED AT THE LOWEST LEVEL, ADJACENT TO HOISTWAY UNLESS SPECIAL CIRCUMSTANCES OR THE LAYOUT DRAWINGS FIELD ADJUSTMENT BY INSTALLER MAY MAKE NECESSARY TO MEET JOB SITE CONDITIONS OR REGULATION ACCESS TO MACHINE ROOM TO BE THROUGH A SELF CLOSING LOCKABLE DOOR.

SLEEVES FOR OIL & ELECTRIC LINES - FROM MACHINE ROOM TO HOISTWAY AS REQUIRED. POSITION PER INSTALLERS INSTRUCTIONS.

DISCONNECT	LINE SIZE	VOLTS	PHASE	AMPERAGE
MOTOR & EQUIP	50 AMP	230 VOLT	Single Phase	21 AMPS
CAR LIGHTS	15 AMP	115 V	1	

ELECTRICAL

OWNER SUPPLY - SEE SPECIFICATIONS LOCKABLE FUSED DISCONNECT WITH AUXILIARY CONTACT TO BREAK THE BATTERY FEED, OR CIRCUIT BREAKER WITH A 3-PHASE BREAKER FOR BATTERY FEED, OR CIRCUIT BREAKER WITH ELECTRICAL CODE, AS FOLLOWS:

LOCATED ON THE BACK JAMB SIDE OF MACHINE ROOM DOOR. PERMANENT POWER - ON THE BACK JAMB SIDE OF MACHINE ROOM DOOR. POWER MUST BE SUPPLIED.

LIGHTING - OWNERS/AGENT TO ENSURE AT LEAST 9.5 FTL OR 100 LUX AMBIENT LIGHTING OVER LIFT AREA.

ENTRANCES

FASCIA PANEL, BELOW UPPER LEVEL ENTRANCE - WHERE REQUIRED, FASCIA PANEL MUST BE FASTENED TO A STUD WALL AND BE PERPENDICULAR TO THE FLOOR AND WALLS. HOISTWAY FASCIA IS NOT SELF-SUPPORTING FOR LONG CONTINUOUS RUNS VOID OF ENTRANCES. ADEQUATE SUPPORT FOR THE FASCIA MUST BE PROVIDED.

ENTRANCE ASSEMBLIES - ENTRANCE ASSEMBLIES MUST BE ADJUSTED TO ALLOW AN ADEQUATE, ROUND OPENING.

RETURN WALLS - RETURN WALLS AT ENTRANCES MUST BE BUILT-IN ASSEMBLIES. RETURN WALLS AT ENTRANCES ARE IN PLACE. ENTRANCE ASSEMBLIES MUST BE SECURELY FASTENED TO WALLS BY ELEVATOR CONTRACTOR.

GENERAL

CLASSIFICATION - Residential Building

APPLIED CODE - ASME 17.1-2000 SEC. 5.3

MODEL - Voyager

CAPACITY - 1400 lbs

NOMINAL SPEED - 30 FPM

TRAVEL - 643"

PIT DEPTH - 16"

POWER SUPPLY - 60 Hertz Single Phase 230 volt

HYDRAULIC

PUMP MFR. - CONCORD

PUMP MODEL - 50 hp

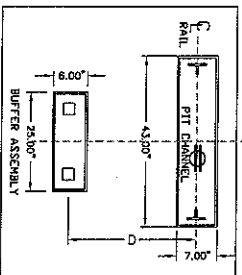
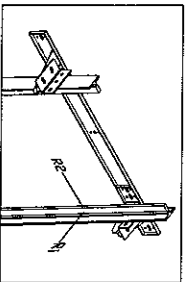
MOTOR - 50 hp

VALVE MODEL NO. - 24 V DC

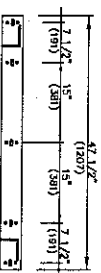
MAX WORKING PRESSURE - 1600 PSI (110.32 MPa)

RELIEF VALVE SETTING - MAX 25% ABOVE ACTUAL WORKING PRESSURE

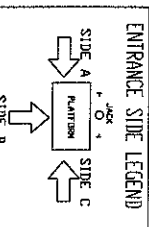
RESERVOIR - 22 GAL



RAIL BRACKET



CAR WIDTH	DIST. CD
42"	36.75"
48"	38.75"
54"	40.75"



SPECIFICATIONS

CAR FINISH DETAILS

CAB PANEL SELECTION - Almond Melanite #8920

CEILING SELECTION - Standard (white)

BRASS CAB PKG REQ'D? - no

POT LIGHT FINISH - Stainless Steel

TRIM COLOR - Clear Anodized Aluminum

CAR STATION PLATE - Stainless Steel/PI

HAND RAIL TYPE - oak black stained

CAB FLOORING - Plywood Floor

FINISHED FLOOR THICKNESS - 9/8" finish

CAR DIMENSIONS/PLATFORM GATES

CAB TYPE - Type 2

CAB OPERATION - auto

GATES REQUIRED - Automatic Operated Gates

GATE TYPE - PowerFold (Operated)

JACK UNIT

EFFECTIVE STROKE - 323 1/2"

PLUNGER O/D - 3 1/4"

CYLINDER O/D - 4"

CYLINDER I/D - 3 1/2"

SPLIT CYLINDER? - yes

COLLAPSED LENGTH - 361 1/2"

SUSPENSION

TYPE - AIRCRAFT CABLE 2 X 3/8" DIA.

CONS. INSTRUCTION - IIRC 7 X 19

NOMINAL STRENGTH - 14,400 lbs Per Cable

RAIL FORCES	R3 NOTE
<div> </div>	PIT FLOOR TO SUPPORT LEND OF 822 LBS* (INCLUDES IMPACT) *IN TOTAL, PULL-OUT FORCE ON RAIL BRACKET, IN PART BE DETERMINED BY 2 X 42" - 444 LBS RAIL WEIGHT - 80 LBS / FT
R1 422 LBS R2 231 LBS	

FIRST DOOR BY LANDING CHART

ENTER TYPE	LANDING 1	LANDING 2	LANDING 3	LANDING 4
ENTRANCE SIDE	Doors By Others	Doors By Others	Doors By Others	Doors By Others
DOOR TYPE	Side C	Side A	Side C	Side A
AUTO DOOR OPERATOR	Left Hand Swing	Right Hand Swing	Left Hand Swing	Right Hand Swing
	Swing-locks by Others	Swing-locks by Others	Swing-locks by Others	Swing-locks by Others
	Computer Auto Operator	Computer Auto Operator	Computer Auto Operator	Computer Auto Operator

DATA SHEET

PROJECT: MCNALLY ELEVATOR COMPANY

ADDRESS: VENEZIA, MI / USA

DATE: 05/09/08

REVISED BY: 214

REVISED BY: 214

REVISED BY: 214

SAVAF CONCO

Your Accessibility Path

SAVAF CONCO

V-1078303



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH
LANSING

KEITH W. COOLEY
DIRECTOR

May 21, 2008

To: Elevator Safety Board

From: C. W. Rogler

Subject: Request for a variance to ASME A18.1-2003

Request has been made by McNally Elevator Co. for a variance to allow a vertical platform lift to exceed the 12' maximum travel limitations in section 2.7.1 of ASME A18.1-2003 at Kent Intermediate School District, Aviation Hangar Renovations, Grand Rapids, Michigan.

Division Recommendation

The ASME A18.1 – 2005 edition, which the Elevator Safety Division will be proposing for adoption this year, allows for 14 feet of travel. As this variance is requesting a rise of approximately 13'2" the division recommends this variance be approved.

DLEG is an equal opportunity employer/program.
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.

Providing for Michigan's Safety in the Built Environment

BUREAU OF CONSTRUCTION CODES
P.O. BOX 30254 • LANSING, MICHIGAN 48909
Telephone (517) 241-9337 • Fax (517) 241-6301
www.michigan.gov/dleg



May 5, 2008

Mr. Calvin W. Rogler, Chief
Elevator Safety Division
Michigan Department of Consumers & Industry Services
Bureau of Construction Codes
Elevator Safety Division
P.O. Box 30254
Lansing, Michigan 48909-7754

Re: Vertical Platform Lift ~ Travel Variance for K.I.S.D MMPS Hangar

Dear Mr. Rogler,

We are modifying an existing industrial facility at the Kent Intermediate School District (KISD) Aviation Hangar Renovations in Grand Rapids, Michigan and will be converting a mezzanine area to accommodate additional offices.

This letter is our request to be placed on the upcoming Elevator Safety Board meeting on June 6th, 2008 to ask for a variance to allow a wheelchair lift to travel up to 158".

The code we are looking to get relief from is AMSE A18.1-2003, 2.7.1 which states; "The travel shall not exceed 12ft nor penetrate a floor". KISD has an existing hangar that has a mezzanine floor to floor travel of 158". Referencing the current ASME A18.1-2005 code, that has not yet been adopted, section 2.7.1 states "The travel shall not exceed 14' not penetrate a floor".

I have attached copies of both the building plans of the lift area and the proposed VPL layout for your perusal.

This installation will have a 36" x 60" platform with one front and one rear opening, as detailed on the attached drawings. This unit will be fully enclosed and will meet all of Michigan's Elevator safety codes.

Thank you in advance for your review of our request.

Sincerely,

A handwritten signature in cursive script that reads "Thomas E. McNally".

Thomas E. McNally V-P
McNally Elevator Company

KISD HANGAR LOWER LEVEL

NOTE:
COORDINATE CONSTRUCTION OF
LIFT ENCLOSURE WALLS WITH
LIFT MANUFACTURER

MC6X12 VERTICAL
COORDINATE LENGTH AND
BOLE LOCATIONS REQD
FOR LIFT BRACKET ATTACHMENT

9.1

9

D.9

4

8

- (2) MC6X12
- (1) AT 4' ABOVE FIN FLOOR
- (1) AT TOP OF LIFT MAST
- COORDINATE WITH LIFT MAST REQ
- CONNECT TO EXIST BLDG COLUMNS

92'-10"

COORD.

COORD.

COORD.

COORD.

10'-0"

3

PROVIDE 3/4" BASE PLATE
ATTACH TO FLOOR SLAB W/
(2) 1/2" 4" BASED EXPANSION
ANCHORS AT EACH BASE PLATE
FURNISHED DOOR AND PANEL LIFT
SUPPLIER

6" 20GA STDS @
16" O.C.

8" CH1 W/ 15 BARS
@ 48" O.C.

INTERIOR EXISTING
INTERIOR WINDOWS

REUSE EXST H.M.
DOOR AND FRAME
NEW WINDOW
ASSEMBLY

OFFICE
120 SQ. FT.

106

STOR.

107

101

102

103

104

105

106

107

108

109

110

111

LAB

849 SQ. FT.

108

4

AB

EXISTING

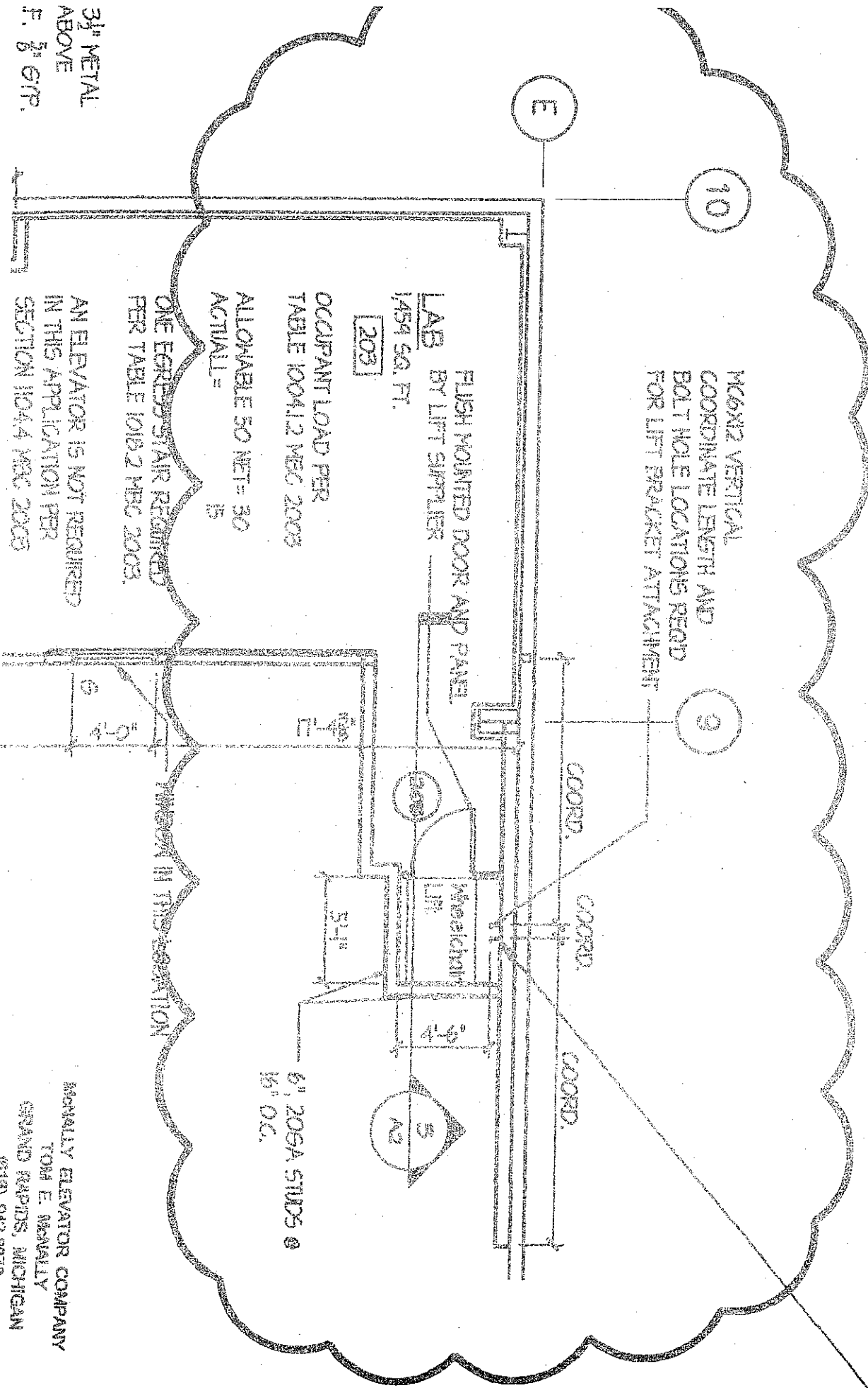
ENTRY

MCNALLY ELEVATOR COMPANY

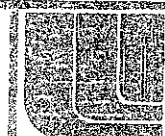
TOM E. MCNALLY

GRAND RAPIDS, MICHIGAN

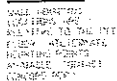
KISD HANGAR UPPER LEVEL



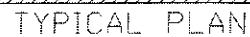
COULDS FIRE FIGHTER
FETAL ROOF




12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656667686970717273747576777879808182838485868788899091929394959697989910010110210310410510610710810911011111211311411511611711811912012112212312412512612712812913013113213313413513613713813914014114214314414514614714814915015115215315415515615715815916016116216316416516616716816917017117217317417517617717817918018118218318418518618718818919019119219319419519619719819920020120220320420520620720820921021121221321421521621721821922022122222322422522622722822923023123223323423523623723823924024124224324424524624724824925025125225325425525625725825926026126226326426526626726826927027127227327427527627727827928028128228328428528628728828929029129229329429529629729829930030130230330430530630730830931031131231331431531631731831932032132232332432532632732832933033133233333433533633733833934034134234334434534634734834935035135235335435535635735835936036136236336436536636736836937037137237337437537637737837938038138238338438538638738838939039139239339439539639739839940040140240340440540640740840941041141241341441541641741841942042142242342442542642742842943043143243343443543643743843944044144244344444544644744844945045145245345445545645745845946046146246346446546646746846947047147247347447547647747847948048148248348448548648748848949049149249349449549649749849950050150250350450550650750850951051151251351451551651751851952052152252352452552652752852953053153253353453553653753853954054154254354454554654754854955055155255355455555655755855956056156256356456556656756856957057157257357457557657757857958058158258358458558658758858959059159259359459559659759859960060160260360460560660760860961061161261361461561661761861962062162262362462562662762862963063163263363463563663763863964064164264364464564664764864965065165265365465565665765865966066166266366466566666766866967067167267367467567667767867968068168268368468568668768868969069169269369469569669769869970070170270370470570670770870971071171271371471571671771871972072172272372472572672772872973073173273373473573673773873974074174274374474574674774874975075175275375475575675775875976076176276376476576676776876977077177277377477577677777877978078178278378478578678778878979079179279379479579679779879980080180280380480580680780880981081181281381481581681781881982082182282382482582682782882983083183283383483583683783883984084184284384484584684784884985085185285385485585685785885986086186286386486586686786886987087187287387487587687787887988088188288388488588688788888989089189289389489589689789889990090190290390490590690790890991091191291391491591691791891992092192292392492592692792892993093193293393493593693793893994094194294394494594694794894995095195295395495595695795895996096196296396496596696796896997097197297397497597697797897998098198298398498598698798898999099199299399499599699799899910001001100210031004100510061007100810091010101110121013101410151016101710181019102010211022102310241025102610271028102910301031103210331034103510361037103810391040104110421043104410451046104710481049105010511052105310541055105610571058105910601061106210631064106510661067106810691070107110721073107410751076107710781079108010811082108310841085108610871088108910901091109210931094109510961097109810991100110111021103110411051106110711081109111011111112111311141115111611171118111911201121112211231124112511261127112811291130113111321133113411351136113711381139114011411142114311441145114611471148114911501151115211531154115511561157115811591160116111621163116411651166116711681169117011711172117311741175117611771178117911801181118211831184118511861187118811891190119111921193119411951196119711981199120012011202120312041205120612071208120912101211121212131214121512161217121812191220122112221223122412251226122712281229123012311232123312341235123612371238123912401241124212431244124512461247124812491250125112521253125412551256125712581259126012611262126312641265126612671268126912701271127212731274127512761277127812791280128112821283128412851286128712881289129012911292129312941295129612971298129913001



McNALLY ELEVATOR
616 942-8070



OFFICE USE ONLY:		Part No.	
STANDARD DESIGN NO.	1.0	Standard No. 10109	
MODEL NUMBER SHAP	D-524		
BUILDING	DATE: 03/13/08	 SAVARA CONCC'S Your Accessibility Partner	
ANGER	SUBMIT DATE		
IDS, MI	COMPLETED BY Auto		
		Job No.	08-8017
		Project No.	10109

PROVISIONS BY OTHERS

GENERAL

HOISTWAY - THE HOISTWAY MUST BE DESIGNED AND BUILT IN ACCORDANCE WITH SAFETY STANDARD FOR PLATFORM LIFTS AND STAIRWAY CHAIRLIFTS OR SAFETY CODE FOR ELEVATORS AND ESCALATORS AND ALL STATE AND LOCAL CODES.

PLUMB RUNWAY - DUE TO CLOSE RUNNING CLEARANCES DIVERS/ AGENT MUST ENSURE THAT HOISTWAY AND PIT WHERE PROVIDED ARE LEVEL, PLUMB AND SQUARE AND ARE IN ACCORDANCE WITH THE DIMENSIONS ON THESE DRAWINGS.

MINIMUM OVERHEAD CLEARANCE - DIVERS/AGENT MUST ENSURE MINIMUM OVERHEAD CLEARANCE IS IN COMPLIANCE WITH CODES.

CONSTRUCTION SITE - DIVERS/AGENT TO PROVIDE ALL MASONRY, CARPENTRY AND DRYWALL WORK AS REQUIRED AND SHALL PATCH AND MAKE GOOD (CONCLUDING FINISH PAINTING) ALL AREAS WHERE WALLS/FLOORS MAY REQUIRE TO BE CUT, DRILLED OR ALTERED IN ANY WAY TO PERMIT THE PROPER INSTALLATION OF THE LIFT.

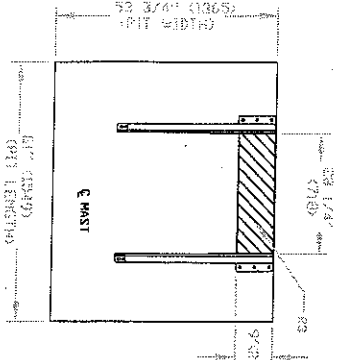
DIMENSIONS - CONTRACTOR/CUSTOMER TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO OUR OFFICE IMMEDIATELY.

STRUCTURAL

FLOOR/SUPPORT WALL LOADS - STRUCTURAL ENGINEER TO ASSURE THAT BUILDING AND SHAFT WILL SAFELY SUPPORT ALL LOADS IMPOSED BY THE LIFT EQUIPMENT. REFER TO THE LEAD DIAGRAM ON THIS DRAWING.

MAST TO BE SECURELY FASTENED - WHERE REQUIRED THE MAST MUST BE SECURELY FASTENED TO THE STRUCTURAL SUPPORT WALL. REFER TO WALL / FLOOR SUPPORT LEAD DIAGRAM AND WALL LAG DIMENSIONS ON THIS DRAWING.

WHERE DOORS ARE REQUIRED - SUITABLE LINTELS MUST BE PROVIDED BY DIVERS/AGENT. DOOR FRAMES ARE NOT DESIGNED TO SUPPORT OVERHEAD WALL LOADS.



ELECTRICAL

POWER SUPPLY - LOCKABLE FUSED DISCONNECT (IS A) WITH AUXILIARY CONTACT TO BREAK THE BATTERY FEED, OR CIRCUIT BREAKERS (IS A) WITH A 3-POLE BREAKER FOR BATTERY FEED REQUIRED, IN COMPLIANCE WITH ELECTRICAL CODE (CONTACT CONCERNED DEALER)

PERMANENT POWER - BEFORE INSTALLATION CAN BEGIN, PERMANENT POWER OF 120 VAC 60 HZ MUST BE SUPPLIED. LIGHTING - DIVERS/AGENT TO ENSURE AT LEAST 10 FTC OR 100 LUX AMBIENT LIGHTING OVER LIFT AREA.

REMOTE HALL CALL - DIVERS/AGENT TO INSTALL THE HALL CALL (WHEN SUPPLIED) AT 42\"/>

ENTRANCES

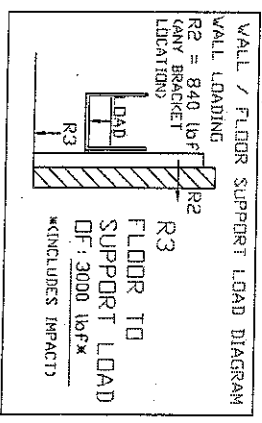
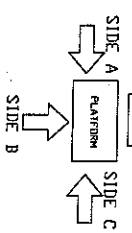
UPPER LANDING GATES - WHERE REQUIRED, SMOOTH SOLID BARRIERS ARE TO BE SUPPLIED AND INSTALLED ON BOTH SIDES OF ENTRANCE AT UPPER LEVEL AND MUST BE A MINIMUM OF 43 3/8\"/>

FASCIA PANEL BELOW UPPER LEVEL ENTRANCE - WHERE REQUIRED, FASCIA PANEL MUST BE FASTENED TO A SOLID WALL AND BE PERPENDICULAR TO THE FLOOR AND WALLS. HOISTWAY FASCIA IS NOT SELF-SUPPORTING FOR LONG, CONTINUOUS RUNS VOID OF ENTRANCES. ADEQUATE SUPPORT FOR THE FASCIA MUST BE PROVIDED.

ENTRANCE ASSEMBLIES - ENTRANCE ASSEMBLIES MUST BE ADJUSTED TO ALIGN WITH PLATFORM AND INTERLOCK EQUIPMENT. RETURNS TO ALLOW AN ADEQUATE ROUGH OPENING.

RETURN WALLS - RETURN WALLS AT ENTRANCES MUST BE BUILT-IN BY OTHERS AFTER ENTRANCE ASSEMBLIES ARE IN PLACE. ENTRANCE ASSEMBLY MUST BE SECURELY FASTENED TO WALLS.

ENTRANCE LOCATIONS



SPECIFICATIONS

GENERAL

CLASSIFICATION - Freedom Vertical Workdoor Platform Lift
MODEL - ASSE 48B Section 2 (Public)
APPLIED CODE - PAL - S-168
CAPACITY - 750 lbs (341 kg)
SPEED - 15 fts/min (4.57 m/s)
TRAVEL - 155\"/>

JACK UNIT

MODEL - 242304
STROKE - 84.5\"/>

CONTROLLER

MODEL - VPL
TYPE - CPCS
CSA # - LR 54682
CONTROL VOLTS - 24 VDC
CONTROL AMPS - 1 A
HP - 1.0
AMPS - 50
MFR - CONCORD

DOORS / GATES / CALL STATIONS

	LANDING 1	LANDING 2	LANDING 3
DOOR TYPE	91-3/8" High FHL Gate	91-3/8" High FHL Gate	
ENTRANCE SIDE	c	d	
DOOR SWING	In	Ph	
DOOR INSERT	Bronze Plexiglass	Bronze Plexiglass	
LOCK TYPE	Smartlock-Plus Doors	Smartlock-Plus Doors	
AUDIT DOOR OPENER	YES	YES	
CUSTOM DOOR WIDTH	72"	72"	
CUSTOM DOOR HEIGHT	72"	72"	
IN FRAME CALL STN.			
CALL STN. TYPE			
CALL STN. KEYS	YES	YES	
CALL STN. STOP BOTTOM	NO	NO	
CALL STN. MOUNTING	Flush Mounted	Door Frame Mount	

OPTIONS PROVIDED

PLATFORM GATE - SIDE: N/A
WINGS - yes
TOUCH UP PAINT - 1 (concs)
BUILDING - Public Building
HEATER BLANKET - no
LIGHT CURTAIN - yes
PHONE OR PHONE PLUG - Phone plug only
OFFICE USE ONLY - 1.0
UNIT VERSION - 0-5-24

POWER UNIT

MODEL - FLD-CONTROL II
MOTOR - P/N 103523
VALVE - 10 HP 008 KVA 24
PUMP - P/N 103743/2
MFR - 06 lbf/in (1227 l
P/N 103482
CONCORD

HYDRAULIC DATA

PILE TYPE - UNIVIS 22
GALLONS REQ'D - 15.5\"/>

SUSPENSION CABLE

2X 3/8\"/>

MCNALLY ELEVATOR
616 942-8070

CUSTOMER: POLYMERINE BUILDING
ADDRESS: R.I.S.D. HANGER
CITY: GRAND RAPIDS, MI
DATE: 02/13/08
BY: [Signature]
CHECKED BY: Auto
JOB NO: 08-8017
SHEET 11

SAVAF
CONC
Your Accessibility Part



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH
LANSING

KEITH W. COOLEY
DIRECTOR

May 21, 2008

To: Elevator Safety Board

From: C. W. Rogler

Subject: Variance to ASME A17.1-2004 R 5.3.1.10.1 which restricts the maximum platform size to 15 ft. squared.

Request has been made by McNally Elevator Co. for a variance to ASME A17.1-2004, R 5.3.1.10.1 to allow a platform size of 17.5 ft squared, at the Postma Residence in Sister Lakes, Michigan.

Division Recommendation

The Elevator Safety Division recommends that any allowed increase in the platform area should have the "rated load" (capacity) based on a minimum 62.5 lbs/ft² of the platform area.

DLEG is an equal opportunity employer/program.
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.

Providing for Michigan's Safety in the Built Environment

BUREAU OF CONSTRUCTION CODES
P.O. BOX 30254 • LANSING, MICHIGAN 48909
Telephone (517) 241-9337 • Fax (517) 241-6301
www.michigan.gov/dleg



May 16th, 2008

Mr. Calvin W. Rogler, Chief
Elevator Safety Division
Michigan Department of Consumers & Industry Services
Bureau of Construction Codes
Elevator Safety Division
P.O. Box 30254
Lansing, Michigan 48909-7754

Re: Private Residential Cab Size Variance

Dear Mr. Rogler,

Mr. Ron Postma has asked us to pursue a capacity variance for his residential elevator that he will be installing in his new home in Sister Lakes.

I have attached his architectural drawings showing an oversized shaft that would be large enough to accommodate a 17.5 square foot cab with a capacity of 1200 lbs.

Mr. Postma presently has a wheelchair bound family member and would like to have the extra space within the elevator cab to have someone ride along and provide assistance if needed.

Therefore I am requesting a variance to ASME A17.1-2004 #5.3.1.10.1 Capacity. The rated load should you approve this request, will be based upon 62.5 lbs per square foot (# 5.3.1.10.1 (b)) as manufactured by Savaria Concord Elevator Company.

I have also attached the proposed elevator plans from Savaria Concord as well.

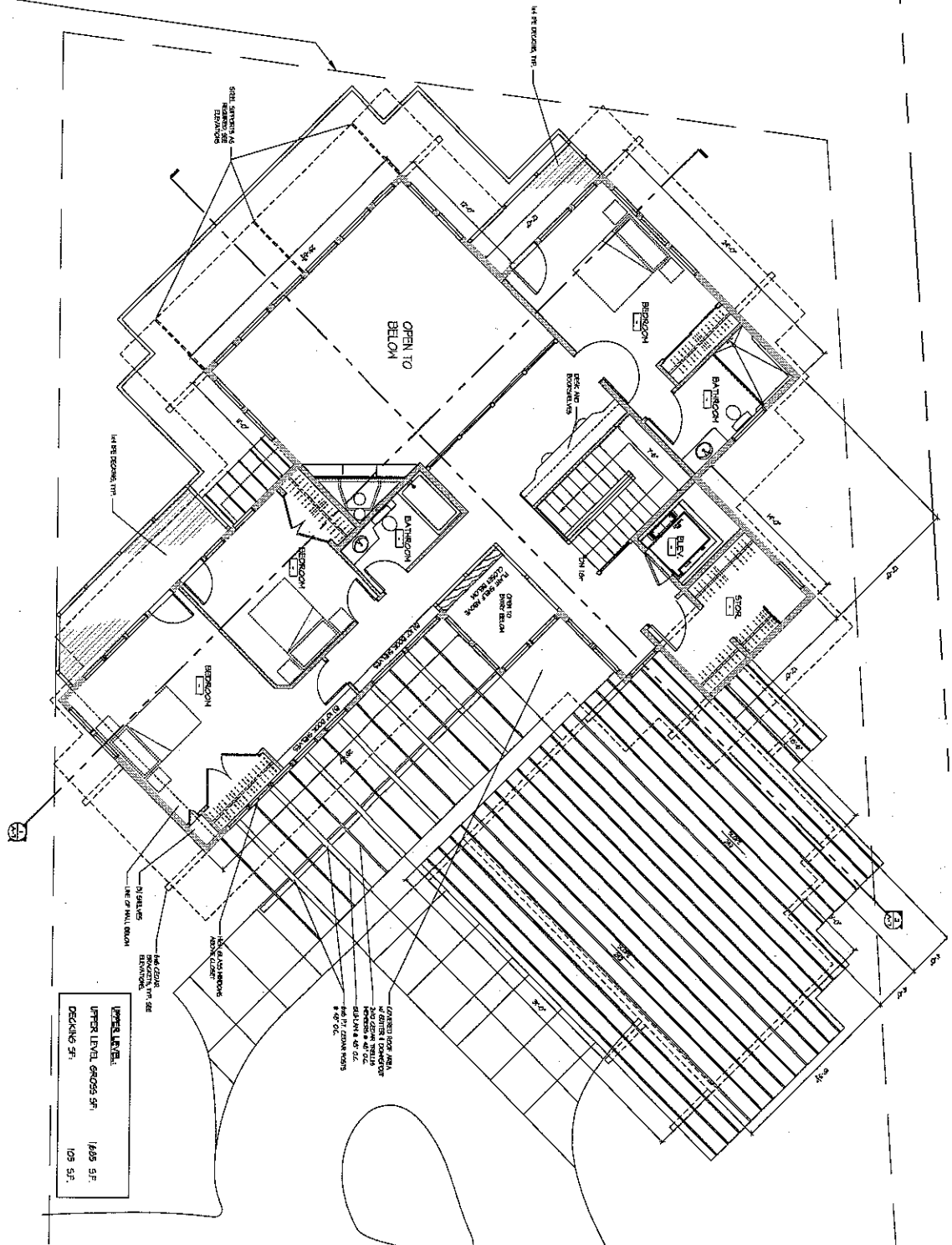
Thank you in advance for your review of my request.

Sincerely,

A handwritten signature in cursive script that reads "Thomas E. McNally".

Thomas E. McNally
McNally Elevator Co.
6812 Old 28th Street
Grand Rapids, Michigan 49546

UPPER LEVEL PLAN
SCALE: 1/4" = 1'-0"



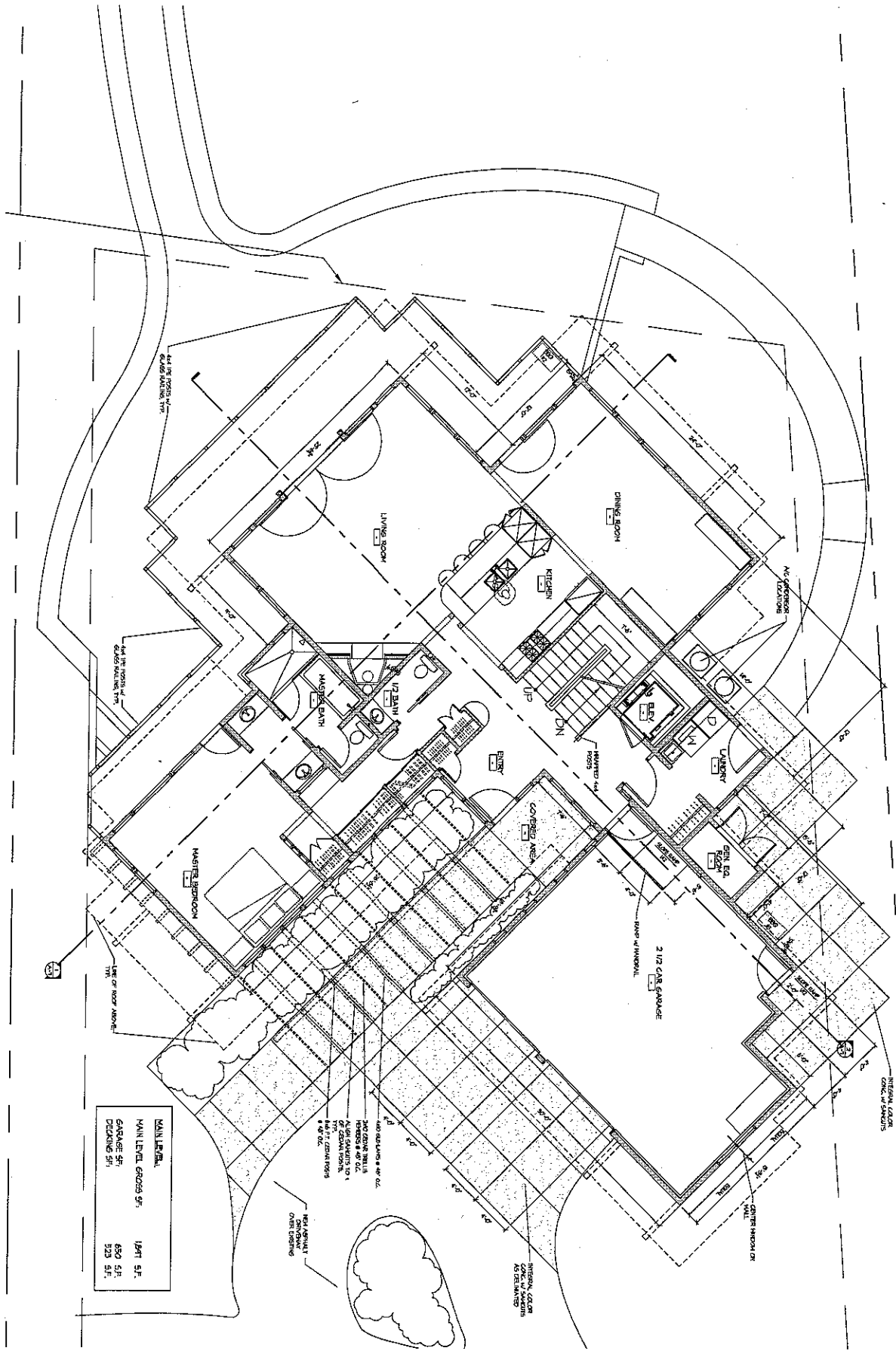
UPPER LEVEL	1,689 S.F.
UPPER LEVEL, 66,025 S.F.	105 S.F.
DECKING S.F.	

POSTMA
RESIDENCE

A
Allegretti Architects
Architects/Planners
500 West 3rd Street
Suite 2000, New York, NY 10014
Tel: 212-691-1234
Fax: 212-691-1235
www.allegretti.com

DATE: 1/1/2000
DRAWN BY: J. ALLEGRETTI
CHECKED BY: J. ALLEGRETTI
SCALE: 1/4" = 1'-0"

A-3
of 7



MAIN LEVEL PLAN
SCALE: 1/4" = 1'-0"

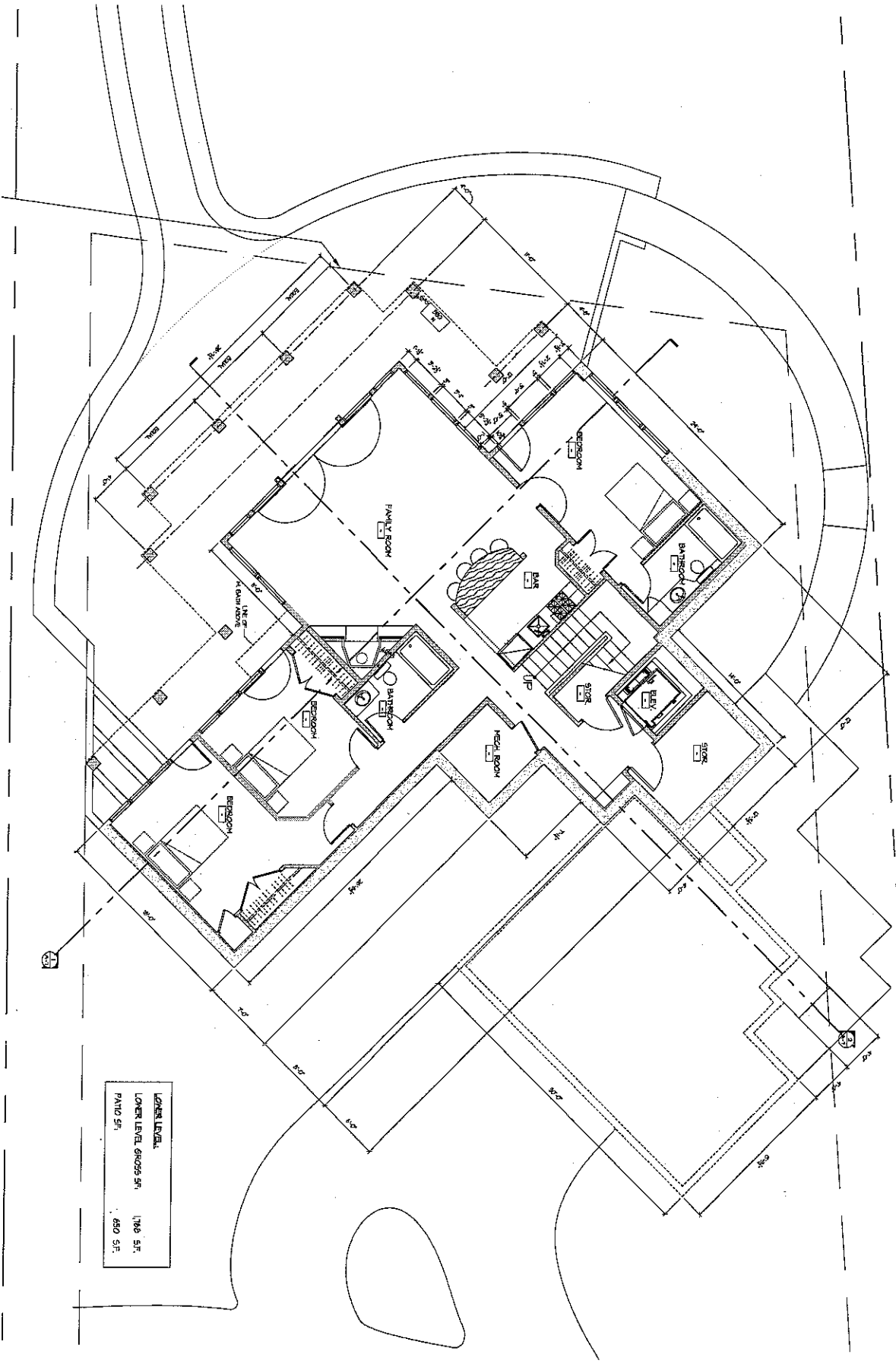
MAIN LEVEL	
MAIN LEVEL, 62025 SF.	1987 S.F.
GARAGE, 511	650 S.F.
DINING, 511	523 S.F.

POSTMA
RESIDENCE

A
Allegretti Architects
Architects/Planners
1000 University Drive, Suite 100
Ann Arbor, MI 48106
Phone: (313) 963-1100
Fax: (313) 963-1101
www.allegretti.com

DATE: 11/10/00
DRAWN BY: [Signature]
CHECKED BY: [Signature]
SCALE: 1/4" = 1'-0"

A-2



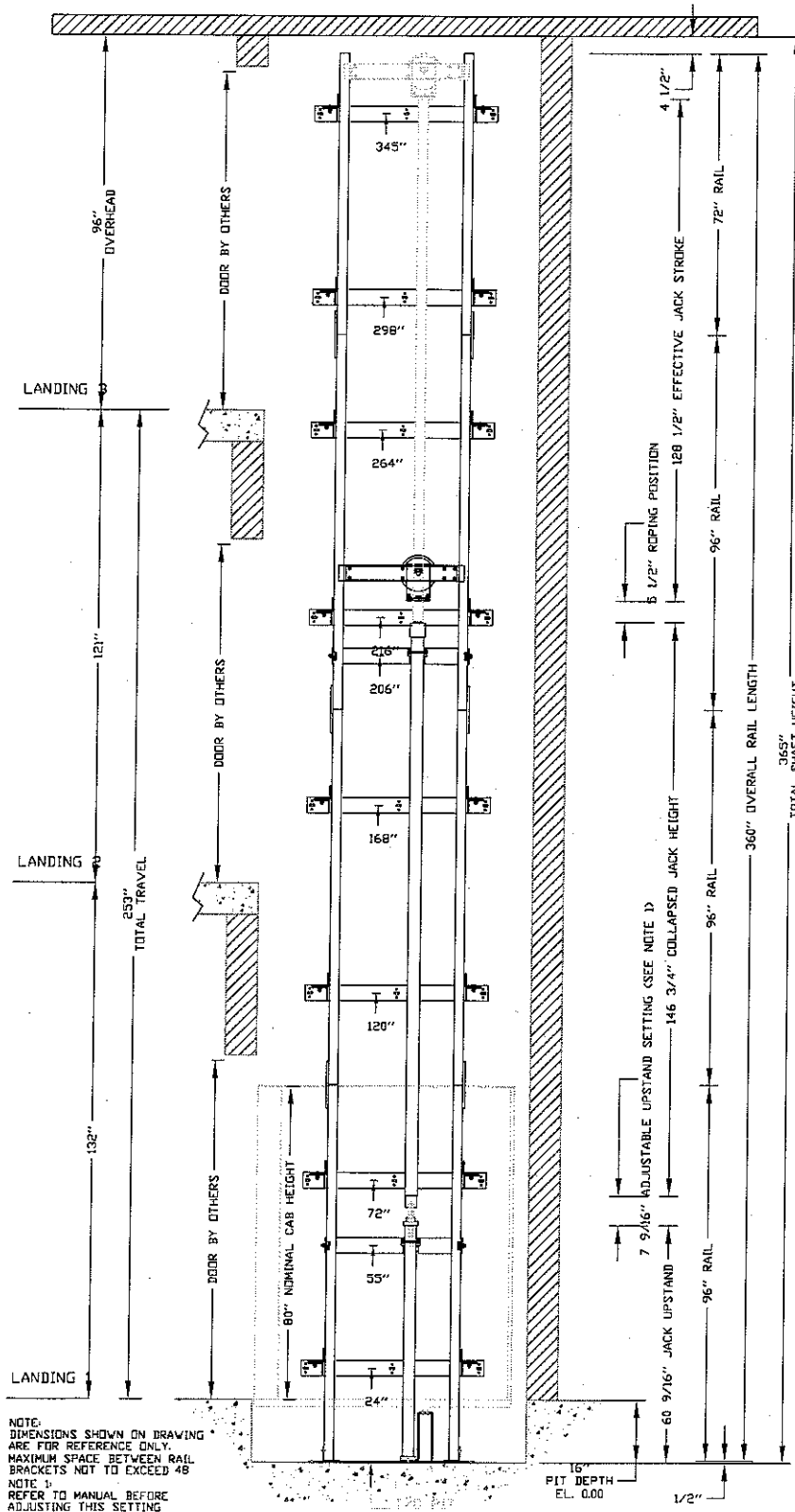
LOWER LEVEL
 LOWER LEVEL GROSS SF 1786 SF
 FATIO SF 650 SF

LOWER LEVEL PLAN
 SCALE: 1/4" = 1'-0"

Allegretti Architects
 Architects/Planners
 500 Main Street
 Suite 200
 Providence, RI 02903
 Tel: 401/863-1111
 Fax: 401/863-1112
 www.allegretti.com

DATE: 11/10/05
 DRAWN BY: KENNEDY
 CHECKED BY: A-1
 SCALE: 1/4" = 1'-0"

POSTMA
 RESIDENCE



ELEVATION VIEW B-B

OFFICE USE ONLY:		Part No.
CONFECTION VERSION STAMP:	21.0	Version No. 10726
MODULE VERSION STAMP:	V-S-29	
CUSTOMER:	MCNALLY ELEVATOR CO.	DATE: 05/19/08
PROJECT:	POSTMA RESIDENCE	REVISION: 05/19/08
ADDRESS:	SISTER LAKES, MI	COMPLETED BY: Auto
		SHEET No. 12 OF 12

SAVARIA
CONCOR
Your Accessibility Partner

PROVISIONS BY OTHERS

GENERAL

HOISTWAY - THE HOISTWAY MUST BE IN ACCORDANCE WITH NATIONAL US/ASME (SEE APPLIED CODE), ALL STATE AND LOCAL CODES.

BLIND HOISTWAYS - DUE TO CLOSE RUNNING CLEARANCES OVER/AGENT MUST ENSURE THAT HOISTWAY AND PIT (WHERE PROVIDED) ARE LEVEL, PLUMB AND SQUARE AND ARE IN ACCORDANCE WITH THE DIMENSIONS ON THESE DRAWINGS.

MINIMUM OVERHEAD CLEARANCE - OVER/AGENT MUST ENSURE MINIMUM OVERHEAD CLEARANCE IS IN COMPLIANCE WITH CODES.

CONSTRUCTION SITE - OVER/AGENT TO PROVIDE ALL MASONRY, CARPENTRY AND DECRYAL WORK AS REQUIRED AND SHALL PATCH AND MAKE GOOD (INCLUDING FINISH PAINTING) ALL AREAS WHERE WALLS/FLOORS MAY REQUIRE TO BE CUT, DRILLED OR ALTERED IN ANY WAY TO PERMIT THE PROPER INSTALLATION OF THE LIFT.

DIMENSIONS - CONTRACTOR/CUSTOMER TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO OUR OFFICE IMMEDIATELY.

STRUCTURAL

FLOOR/SPEEDER WALL LOADS - STRUCTURAL ENGINEER TO ASSURE THAT BUILDING AND SHAFT WILL SAFELY SUPPORT ALL LOADS IMPOSED BY THE LIFT EQUIPMENT REFER TO THE TABLES ON THIS DRAWING FOR LOADS IMPOSED BY THE EQUIPMENT.

WHERE DOORS ARE REQUIRED - SUITABLE LINTELS MUST BE PROVIDED BY OVER/AGENT. DOOR FRAMES ARE NOT DESIGNED TO SUPPORT OVERHEAD WALL LOADS.

NOTE [2]: PER ASME A17-2000 RULE 5.3.1.7.2

THE CLEARANCE BETWEEN THE HOISTWAY DOORS OR GATES AND THE HOISTWAY EDGE OF THE LANDING STILL SHALL NOT BE LESS THAN 3 IN. (76 mm). THE DISTANCE BETWEEN THE HOISTWAY EDGE OF THE LANDING DOOR OR GATE AND THE CAR DOOR OR GATE SHALL NOT EXCEED 6 IN. (125 mm).

MACHINE ROOM

LOCATION / ACCESS - MACHINE ROOM LOCATED AT THE LOWEST LEVEL ADJACENT TO HOISTWAY UNLESS SHOWN OTHERWISE ON THE LAYOUT DRAWINGS. FIELD ADJUSTMENT BY INSTALLER MAY BE NECESSARY TO MEET JOB SITE CONDITIONS OR ACCESS TO MACHINE ROOM TO BE THROUGH A SELF CLOSING LOCKABLE DOOR.

SLEEVES FOR OIL & ELECTRIC LINES - FROM MACHINE ROOM TO ROOMS AS REQUIRED. POSITION PER INSTALLERS INSTRUCTIONS.

DISCONNECT RELAY	VOLTS	PHASE	AMPERAGE
MOTOR & EQUIP	460 AMPS 50 AMP/230 volt Single Phase	21 AMPS	
CAB LIGHTS	15 AMPS 115 V	1	

ELECTRICAL

POWER SUPPLY - (SEE SPECIFICATIONS) LOCKABLE FUSED DISCONNECT WITH AUXILIARY CONTACT TO BREAK THE BATTERY FEED, OR CIRCUIT BREAKER WITH A 3-POLE BREAKER FOR BATTERY FEED REQUIRED, TO BE LOCATED IN MACHINE ROOM WITH ELECTRICAL CODE AS FOLLOWS:

REPAIRABLE POWER - ON LOCK JAMB SIDE OF MACHINE ROOM DOOR. POWER MUST BE SUPPLIED TO ENSURE AT LEAST 93 FTC OR 100 LUX AMBIENT LIGHTING OVER LIFT AREA.

ENTRANCES

FASCIA PANEL, BELOW UPPER LEVEL ENTRANCE - WHERE REQUIRED, FASCIA PANEL MUST BE FASTENED TO A STEEL WALL AND BE PERPENDICULAR TO THE FLOOR AND WALLS. HOISTWAY FASCIA IS NOT SELF-SUPPORTING FOR LOAD. CONTINUOUS RUNS VOID OF ENTRANCES. ADEQUATE SUPPORT FOR THE FASCIA MUST BE PROVIDED.

ENTRANCE ASSEMBLIES - ENTRANCE ASSEMBLIES MUST BE ADJUSTED TO ALIGN WITH PLATFORM AND INTERLOCK EQUIPMENT. OTHERS TO ALLOW AN ADEQUATE, ROUGH OPENING.

RETURN WALLS - RETURN WALLS AT ENTRANCES MUST BE BUILT-IN AFTER ENTRANCE ASSEMBLIES ARE IN PLACE. ENTRANCE ASSEMBLIES MUST BE SECURELY FASTENED TO WALLS BY ELEVATOR CONTRACTOR.

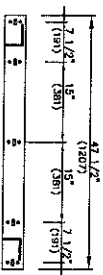
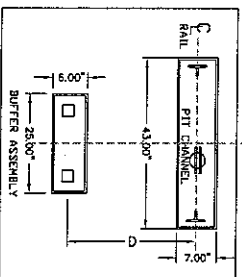
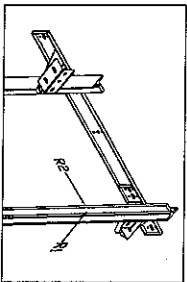
GENERAL

CLASSIFICATION - Residential Building
APPLIED CODE - ASME 17.1-2004 ADD-2005 5.5.3

MODEL - Voyager
CAPACITY - 1400 lbs
NOMINAL SPEED - 30 fpm
TRAVEL - 253"
PIT DEPTH - 16"
POWER SUPPLY - 60hz Single Phase 220 volt

HYDRAULIC

PUMP MFR - CONCORD
PUMP MODEL - VICKERS 3P
MOTOR - 50 hp
VALVE MODEL NO. - EPV - 07
VALVE COIL VOLTS - 24 V DC
MAX WORKING PRESSURE - 1600 psi (11032 kPa)
RELIEF VALVE SETTING - MAX 25% ABOVE ACTUAL WORKING PRESSURE
RESERVOIR - 22 Gal.



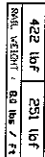
RAIL BRACKET

CAB WIDTH	DIST CD
42"	86.75"
48"	90.75"
54"	94.75"

RAIL FORCES

R3 NOTE:
PIT FLOOR TO SUPPORT LOAD OF 822 LBS (*INCLUDES IMPACT)

*R1 *R2
422 LBF 251 LBF
THE TOTAL RAIL-ON FORCE ON RAIL BRACKET, IN PWT BE DOUBLED UP 2 X 422 = 944 LBF
RAIL WEIGHT = 82 LBS / 7.5'



FIRST DOOR BY LANDING CHART

ORDER TYPE	LANDING 1	LANDING 2	LANDING 3	LANDING 4
ENTRANCE SIDE	Right Hand Swing	Right Hand Swing	Right Hand Swing	Right Hand Swing
DOOR TYPE	Swing	Swing	Swing	Swing
AUTO DOOR OPENER	Swing	Swing	Swing	Swing

DATA SHEET

PROJECT: MCNALLY ELEVATOR CO. 05/19/08
ADDRESS: POSTMA RESIDENCE
SISTER LAKES, MI
SAVAF CONCC
Your Accessibility Part
30

SPECIFICATIONS

CAR FINISH DETAILS

CAB PANEL SELECTION - White Melanite #213
CEILING SELECTION - standard (white)
BRASS CAB PKG REQ'D? - no
POT LIGHT FINISH - Stainless Steel
TRIM COLOR - Clear Anodized Aluminum
CAR STATION PLATE - Stainless Steel/Phone/PT
HAND RAIL TYPE - Polished 3/8" dia Finish
CAB FLOORING - Polished 3/8" dia Finish
FINISHED FLOOR THICKNESS - 5/8" Finish

CAR DIMENSIONS/PLATFORM GATES

CAB TYPE - Type 1 Left Hand
CAB OPERATION - Auto
GATES REQUIRED - Automatic Operated Gates
GATE TYPE - PanelFold

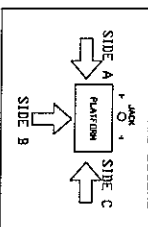
JACK UNIT

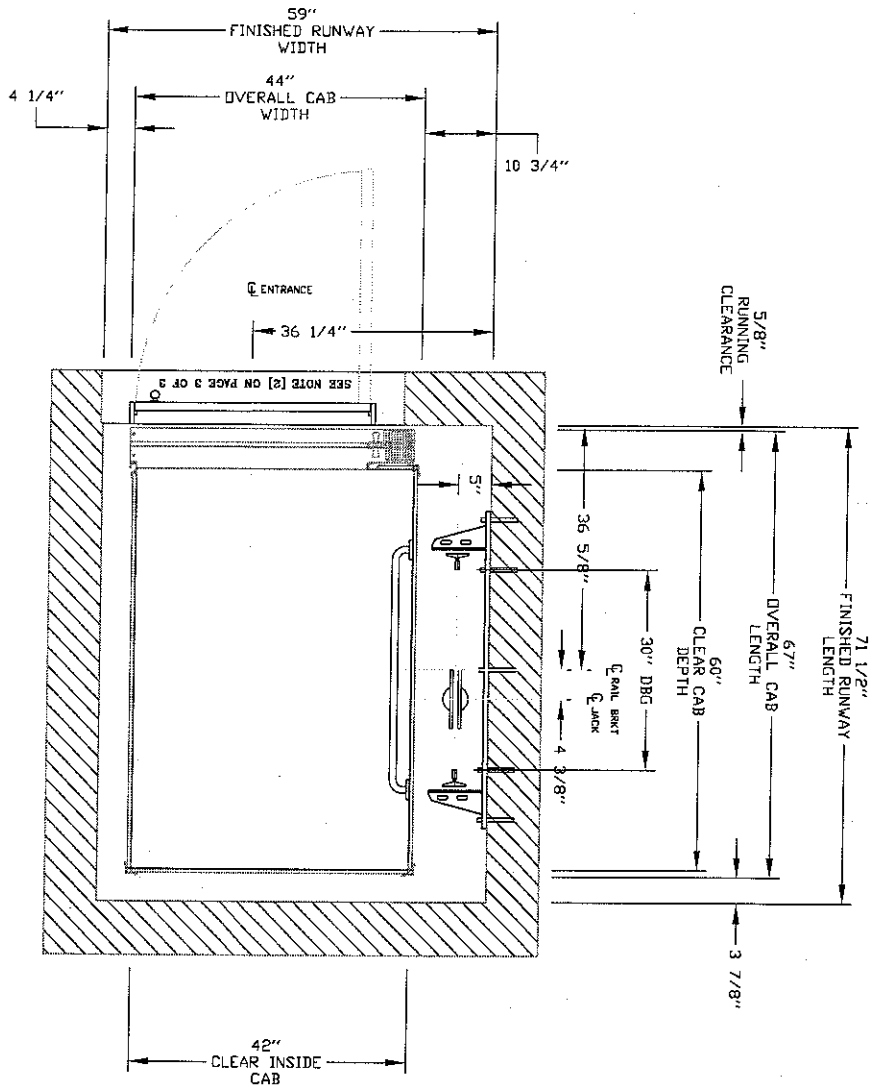
EFFECTIVE STROKE - 128 1/2"
PULLER D/D - 2 1/2"
CYLINDER B/D - 3 1/4"
CYLINDER I/D - 2 3/4"
SPLIT CYLINDER? - no
COLLAPSED LENGTH - 146 3/4"

SUSPENSION

TYPE - AIRCRAFT CABLE 2 X 3/8" DIA.
CONSTRUCTION - 19,400 lbs Per Cable
NOMINAL STRENGTH - 19,400 lbs Per Cable

ENTRANCE SIDE LEGEND



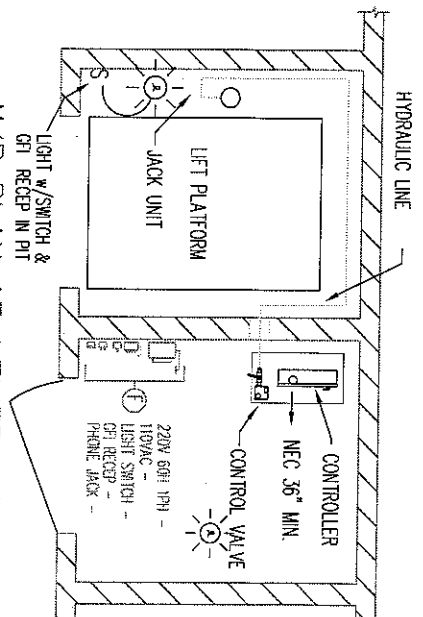


PLAN VIEW

OFFICE USE ONLY CONSTRUCTION ORDER NO. 21.0 MODEL ROOM NO. V-5-20		Part No. 10726
PROJECT: MCNALLY ELEVATOR CO ADDRESS: POSTIMA RESIDENCE	DATE: 05/19/08 REVISION: 05/19/08 CHARTERED BY: Auto	Your Accessibility Part SAVAF CONCC 10
CLEVERLY SISTER LAKES, MI		10

MINIMUM SIZE = 5' x 5'

M/R PLAN AT LOWER LEVEL





JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH
LANSING

KEITH W. COOLEY
DIRECTOR

May 21, 2008

To: Elevator Safety Board

From: C. W. Rogler

Subject: Waiver request for Standby power tests at Spectrum Health-Butterworth Hospital in Grand Rapids, Michigan.

Request has been made by Schindler Elevator Corp. for a variance to item 1.17.3 of the A17.2-2001 Guide for inspection of elevators, escalators, and moving walks.

Division Recommendation

The Elevator Safety Division recommends this variance be approved provided all elevators be on standby power while each elevator; one at a time is being tested with 125% of the rated load in the down direction. Current language included in the A17.2-2007 would remove the requirement of a 125% rated load being placed on all elevators with simultaneous testing.

DLEG is an equal opportunity employer/program.
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.

Providing for Michigan's Safety in the Built Environment

BUREAU OF CONSTRUCTION CODES
P.O. BOX 30254 • LANSING, MICHIGAN 48909
Telephone (517) 241-9337 • Fax (517) 241-6301
www.michigan.gov/dleg

Schindler Elevator Corporation



May 16, 2008

Michigan Dept. of Labor & Economic Growth
Bureau of Construction Codes & Fire Safety/Elevator Safety Division
P.O. Box 30254
Lansing, MI 48909
Attn: Mr. Calvin Rogler

RE: Spectrum Health Emergency Power Operation Testing

Dear Mr. Rogler:

This letter is to serve as our request to be added to the June 6, 2008 Elevator Safety Board Meeting Agenda.

At that time we will be requesting a variance for the testing procedure on Emergency Generator Power at Spectrum Health in Grand Rapids, MI. Refer to ASME A17.1-2007, rule 2.27.2 Emergency or Standby Power System.

The reason for the variance is due to the hardship that would be caused to the hospital if a full load test were required on each elevator all at one time.

Please do not hesitate to contact me if you have any questions.

Sincerely,

SCHINDLER ELEVATOR CORPORATION

Paul A. Iytkainen
Area Manager

Cc: P. Pawlowski, - Schindler, Lansing
M. Pawlowski, - Schindler, Lansing
T. Theoret - Spectrum Health, Grand Rapids





Spectrum Health

BUTTERWORTH CAMPUS

100 Michigan Street NE Grand Rapids MI 49503-2560
616 391 1774 fax 391 2745

May 15, 2008

Michigan Dept. of Labor & Economic Growth
Bureau of Construction Codes & Fire Safety/Elevator Safety Division
P.O. Box 30254
Lansing, MI 48909
Attn: Mr. Calvin Rogler

RE: Spectrum Health – Butterworth Hospital Emergency Power Testing
Elevators 12, 13, 25, 26 & 27
Permit #'s 59416, 59417, 59418, 58419 & 59420

Dear Mr. Rogler:

In the early fall of 2008, Spectrum Health – Butterworth Hospital will be completing the modernization of the five subject elevators in the north and south towers. These elevators will continue to operate under emergency power conditions as they have in the past, but will have all new controls.

Due to the hardship that would be caused by testing all the elevators within the facility (modernized and existing) with full loads at one time, I would like to request a variance in regards to the Emergency Power testing requirements currently in place.

I would like the Code Authority to consider allowing us to test the Emergency Power System based on ASME A17.1-2007.

Our elevator contractor, Schindler elevator Corporation, is being asked to submit a letter of request to be placed on the agenda for the next State of Michigan Elevator Safety Board meeting to be held in June 6 2008.

Thank you in advance for your help in this matter

Sincerely,

Tom Theoret

Manager Plant Operations